		Approved for use through 07/31/2006. OMB 0651-003  U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERC spond to a collection of information unless it displays a valid OMB control number 10/010,304	31 /
TRANSMITTAL FORM  (to be used for all correspondence after initial fill	Filing Date First Named Inv	11/8/2001	
Total Number of Pages in This Submission	Examiner Name Attorney Docke		
Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Petition Petition to Conversional Applice Provisional Applice Change of Correst Terminal Disclaim Request for Refurble CD, Number of Correst Remarks	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):  Cert. of Mailing  Return Postcard	
Firm or Individual name Signature  Date  Jeffrey C. Kelly Kensey Nash Cor	poration	NT, ATTORNEY, OR AGENT	
	oing faccimile transmitted	RANSMISSION/MAILING  It to the USPTO or deposited with the United States Postal Service with the United States Postal Service with mmissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or	h n

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Typed or printed name

Signature

Trina Werkema

PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known FEE TRANSMITTAL 10/010304 Application Number 11/8/01 Filing Date for FY 2004 Ringeisen, Timothy 🕰 First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** ✓ Applicant claims small entity status. See 37 CFR 1.27 1648 Art Unit (\$) 180.00 KN P 0020 TECHNOLOGY CENTER B37 Attorney Docket No TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Money Check Credit card Other None arge Entity | Small Entity ✓ Deposit Account: Fee Fee Fee Fee **Fee Description** Fee Paid Code (\$) Code Deposit 50-1671 Account 2051 Surcharge - late filing fee or oath 130 1051 Number Surcharge - late provisional filing fee or 2052 1052 50 Deposit Kensey Nash Corporation cover sheet Account 130 Non-English specification Name 1053 130 1053 The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 ✔ Credit any overpayments ✓ Charge fee(s) indicated below 920\* Requesting publication of SIR prior to 920 1804 1804 Charge any additional fee(s) or any underpayment of fee(s) Examiner action Requesting publication of SIR after Charge fee(s) indicated below, except for the filing fee 1805 1,8401 1805 1,840 Examiner action to the above-identified deposit account. Extension for reply within first month 1251 110 2251 55 **FEE CALCULATION** Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 475 Extension for reply within third month 2253 950 1253 arge Entity Small Entity Fee Paid Extension for reply within fourth month Fee Description 1,480 2254 1254 Code (\$) ode (\$) 1,005 Extension for reply within fifth month 2255 1255 2,010 Utility filing fee 1001 770 2001 385 1401 330 2401 165 Notice of Appeal Design filing fee 2002 170 1002 340 165 Filing a brief in support of an appeal 330 2402 1402 Plant filing fee 1003 530 2003 265 145 Request for oral hearing 2403 1403 290 1004 770 2004 385 Reissue filing fee 1,510 Petition to institute a public use proceeding 1451 1.510 1451 Provisional filing fee 1005 160 2005 55 Petition to revive - unavoidable 2452 1452 110 **SUBTOTAL (1)** (\$) 0.00 2453 665 Petition to revive - unintentional 1453 1 330 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 665 Utility issue fee (or reissue) 1501 1,330 2501 Fee from Extra Claims Fee Paid 1502 480 2502 240 Design issue fee below -Total Claims Х 320 Plant issue fee 1503 640 2503 Independent 130 Petitions to the Commissioner 1460 130 1460 Multiple Dependent 50 Processing fee under 37 CFR 1.17(q) 1807 50 1807 180.00 180 Submission of Information Disclosure Stmt Large Entity Small Entity 1806 180 1806 40 Recording each patent assignment per Fee Description Fee Code (\$) 40 8021 Code (\$) 8021 property (times number of properties) Claims in excess of 20 2202 9 18 385 Filing a submission after final rejection 1202 770 2809 1809 Independent claims in excess of 3 (37 ČFR 1.129(a)) 43 1201 86 2201 Multiple dependent claim, if not paid 385 For each additional invention to be 2810 770 1810 1203 290 2203 145 examined (37 CFR 1.129(b)) \*\* Reissue independent claims 1204 86 2204 43 385 Request for Continued Examination (RCE) 2801 770 1801 over original patent Request for expedited examination 1802 900 900 1802 Reissue claims in excess of 20 1205 2205 18 of a design application and over original patent Other fee (specify)  $(\$)^{0.00}$ SUBTOTAL (2) (\$) 180.00 \*Reduced by Basic Filing Fee Paid SUBTOTAL (3) \*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY			(Complete (if applicable))
Name (Print/Type)	Jeffrey G. Kely	Registration No. (Attorney/Agent)	Telephone 610-594-4392
Signature	1/-1/16/5		Date 2/5/04

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PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S.Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

nder the Faperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b) & TEADEM Applicant/Patent Owner: Kensey Nash Corporation Filed/Issue Date: \_\_\_\_\_11/08/2001 Application No./Patent No.: 10/010,304 Method for making a porous Polymeric material Kensey Nash Corporation , a corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) (Name of Assignee) states that it is: 1. X the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is in the patent application/patent identified above by virtue of either: FEB 1 7 2004 which a copy thereof is attached. OR TECHNOLOGY CENTER ROTUL B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. 2. From: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. 3. From: \_\_\_ The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. [ ] Additional documents in the chain of title are listed on a supplemental sheet. [X] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Jeffrey C. Kelly ed or printed name /Signatu/e of Legal Affairs, Kensey Nash Corporation

## RECEIVED FEB 1 7 2004

TECHNOLOGY CENTER R3700

#### ASSIGNMENT OF THE INVENTION

FEB 0 9 2004

WHEREAS, I, Timothy Ringeisen, residing in the city of Exton, County of Chester, of the commonwealth of Pennsylvania, have made a certain new and useful invention in a METHOD FOR MAKING A POROUS POLYMERIC MATERIAL, and having applied for Letters Patent of the United States based thereon, the application which may be identified in the United States Patent and Trademark Office by serial no. 10/010,304 filed 11/08/2001;

WHEREAS, I, Timothy Ringeisen, am an employee of KENSEY NASH CORPORATION;

WHEREAS KENSEY NASH CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at Marsh Creek Corporate Center, 55 E. Uwchlan Avenue, Suite 204, Exton, Pennsylvania 19341, is desirous of acquiring the entire right, title and interest in and to the invention and all improvements thereon which may be made, conceived or acquired by us during the course of our association with KENSEY NASH CORPORATION, and for one year thereafter, in and throughout the United States, its territories and all countries foreign thereto, and in and to said application for Letters Patent and in and to any and all Letters Patent of the United States and all countries foreign thereto which have been granted or may be granted on said invention or any part thereof, or any improvements thereon.

NOW, THEREFORE, IN CONSIDERATION of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Timothy Ringeisen, by these presents do sell, assign and transfer unto the said KENSEY NASH CORPORATION our entire right, title and interest in and throughout the United State, its territories and all countries foreign thereto in and to said invention and any improvement thereon which may be made, conceived or acquired by us during the course of our association with the said KENSEY NASH CORPORATION, and for one year thereafter, in and to said application for Letters Patent and any and all Letters Patent and extensions thereof of the United States and countries foreign thereto which have been or may be granted on said invention or any part thereof, or any improvements thereon or on



# RECEIVED

FEB 1 7 2004

TECHNOLOGY CENTER R3700

**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/010,304

Group Art Unit: 1648

Filing Date:

November 8, 2001

Attorney Docket No.: KN P 0020

First Named Inventor: Ringeisen, Timothy A.

Title:

METHOD FOR MAKING A POROUS

POLYMERIC MATERIAL

#### Certificate of Mailing Under 37 CFR 1.8

I hereby certify that the following correspondence is being deposited utilizing first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on Jehrang (p. , 2004

Information Disclosure Statement

Copy of Statement under 37 CFR 3.73(b)

Fee Transmittal

Transmittal Form

Return Receipt Postcard

Signature

Trina Werkema

Typed or printed name of person signing Certificate

said application, or any divisional, continuing, renewal, reissue, or other application and all international priority rights associated therewith, based in whole or in part thereon, or based upon said invention, or any improvements thereon;

TO BE HELD AND ENJOYED by the said KENSEY NASH CORPORATION and its legal representatives and assigns to the full ends of the terms for which said Letters Patent, or any of them, have been granted as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent which may be granted upon the said invention above referred to, or any of them, or upon said invention or any part thereof, or upon any improvements thereon which may be made, conceived or acquired by us during the course of our association with the said company and for one year thereafter, to said KENSEY NASH CORPORATION, and we hereby agree for ourselves, our heirs, executors and administrators, to execute without further consideration, any further legal documents and any further assignments and any release, reissues, renewals or other applications for Letters Patent that may be deemed necessary by the Assignee herein named, fully to secure to the said Assignee its interest as aforesaid in and to said invention or any part thereof or any improvements thereon, and in and to said several Letters Patent, or any of them.

We do hereby covenant for ourselves and our legal representatives, and agree with KENSEY NASH CORPORATION, and its legal representatives, that we have granted no license to make or sell the said invention, that prior to the execution of this deed our right, title and interest in the said invention has not been encumbered, that we then had good right and title in and to the invention and that we have not executed and will not execute any instrument in conflict therewith.

I hereby authorize Jeffrey C. Kelly, Esq., to insert in the Certificate provided for that purpose the serial number and filing date of the application about to be filed.

IN WITNESS	WHEREOF, I hereun	nto affixed my hand	and seal this 3	O day of
Jan.	, 2003.			
		Timothy RIN	ingeisen IGEISEN	
COMMONWEALTH	OF PENNSYLVANI			
		: ss:		
COUNTY OF CHEST	TER	:		•
Before me pers	sonally appeared said	TIMOTHY RINGE	EISEN and acknow	wledge and
foregoing instrument	to be his free act and	deed this 10 day	y of Jon.	
2003.				
		(07.11)	andra J.	Cirk
		Notary Public	andre (T	January.
	My Com	mission expires:		

Notarial Seal Sandra F. Cizmarik, Notary Public Uwchlan Twp., Chester County My Commission Expires Sept. 19, 2005 Member, Pennsylvania Association of Notaries

#### **CERTIFICATE**

This is to certify that the application above referred to was filed in the United States Patent and Trademark Office on the 8th day of November 2001, and assigned Serial No. 10/010,304.

IN WITNESS WHEREOF, I hereunto affix my hand and seal this 3/57 day of

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT EXAMINING OPERATION

Application No.: 10/010304

Group Art Unit: 1648

Filing Date: 11/8/2001

Attorney Docket No.: KN P 0020

First Named Inventor: Ringeisen, Timothy

Examiner:

Title: METHOD FOR MAKING A POROUS POLYMERIC MATERIAL

#### INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO Form 1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. representation is made that the references are prior art with respect to this application.

Assignee Kensey Nash Corporation previously established the right to take action in the prosecution of this case, as evidenced by the filing of a Statement Under 37 CFR 3.73(b) on February 5, 2003. For the convenience of the Office, a copy of this earlier filed Statement is attached.

Respectfully submitted,

Date:

2/5/04

By:

Kensey Nash Corporation 55 East Uwchlan Avenue

Exton, PA 19341 (601) 594-4392

Director of Legal Affairs

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO Complete if Known Application Number 10/010304 **INFORMATION DISCLOSURE** Filing Date 11/8/2001 First Named Inventor Ringeisen, Timothy A STATEMENT BY APPLICANT Art Unit 1648 (Use as many sheets as necessary) **Examiner Name** 

	14				
Sheet	11	of 2		Attorney Docket Number KN P (	0020
			II S DATEN	T DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	
Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 3553008	1-5-1971	Reischl et al	
		<sup>US-</sup> 3492184	1-27-1970	Einstman et al	column 5
		<sup>US-</sup> 3527653	9-8-1970	Sommer et al	columns 5-6
		<sup>US-</sup> 5229045	7-20-1993	Soldani	columns 4-6
		<sup>US-</sup> 4355426	10-26-1982	MacGregor	abstract
		<sup>US-</sup> 4657544	4-14-1987	Pinchuk	abstract
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	1	FORE	IGN PATENT DOC	IMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sub>e</sub>
		WO 00 55300 🗶	9-21-2000	Korea Advanced	pages 4-5	<u> </u>
		EP 0382356 ×	8-16-1990	Imperial Chem.	pages 3-4	_
		EP 0396809 X	11-14-1990	AJN Collagen	abstract	Н
		EP 0216149.x	4-1-1987	Kanegafuchi	abstract	
		WO 96 37165	11-28-1996		pages 7-9	
		EP 0308102	3-22-1989	UBE Industries	abstract	

ĺ	Examiner	
Ì	Signature	Date
Į	<u></u>	Considered
	*EVAMINOD: (-W-1)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 

1 Applicant's unique citation designation number (optional). 
2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 
3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 
4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 
5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 
6 Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND** TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(Use as many sheets as necessary) **Examiner Name** Sheet 1 Attorney Docket Number KN P 0020

	<del></del>		U. S. PATENT D	DCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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_	r-a	FORE	IGN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Present of Orion Bossinon	Or Relevant Figures Appear	T <sup>6</sup>
		JP 51-074058	6-26-1976	Mitsubishi Rayo	abstract	一
		JP 2000-319434 A	11-21-2000	Nitto Denko	abstract	
		JP 50-042004 - 1	4-16-1975	Kuraray Co	abstract	
		JP 58-189242 X	11-4-1983	Toyo Polymer	abstract	

Examiner		
	Date	
Signature	Date	
Signature	Considered	
	Considered	
*EVANINED		

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